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175926

LB

From: Dunston, Jennifer
Sent: Sunday, January 08, 2006 12:24 PM
To: STIC-Biotech/ChemLib
Subject: Sequence Search 10/669861

CXFE

Please search amino acids 33-109 of SEQ ID NO: 2 against the commercial protein and nucleic acid databases.

Thank you.

Jennifer Dunston, Ph.D.
USPTO Art Unit 1636
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(571) 272-2916

2-378aa
LB

Searcher: _____
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Date Searcher Picked up: _____
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Searcher Prep Time: _____
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Type of Search
NA# _____ AA# _____
S/L: _____ Oligomer: _____
Encode/Transl: _____
Structure #: _____ Text: _____
Inventor: _____ Litigation: _____

Vendors and cost where applicable
STN: _____
DIALOG: _____
QUESTEL/ORBIT: _____
LEXIS/NEXIS: _____
SEQUENCE SYSTEM: _____
WWW/Internet: _____
Other (Specify): _____

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	16173	lee-k\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 20:57
S2	19302	lee-y\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:32
S3	55180	kim-j\$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:32
S4	21	toolgen.as.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:32
S5	21	(S1 or S2 or S3) and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:32
S6	6220	zinc finger	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:32
S7	43	(S1 or S2 or S3 or S4) and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:33
S8	16	S7 and neuro\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:40
S9	3	qsnr same qsnk same csnr	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 14:54
S10	4	qsnr and qsnk and csnr	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:47
S11	103	csnr	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:47
S12	6	S11 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:52

EAST Search History

S13	3707	neuro\$ and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:53
S14	1091	neuro\$ near10 differentiat\$ and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:53
S15	40	neuro\$ near10 differentiat\$ same S6	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/02/21 16:53
S16	105	qsnr or qsnk or csnr	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 14:56
S17	25	S16 and neuro\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 14:55
S18	5	(qnr or qnk or cnr) same zinc finger and neuro\$	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 14:57
S19	9	neuro1 or neuro-1	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 18:50
S21	597	zinc finger.ti.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 21:01
S22	16	S20 and differentiat\$.ab.	US-PGPUB; USPAT; EPO; JPO; DERWENT	ADJ	ON	2006/03/02 21:18

STN Search History:

FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE'

L1 32471 S LEE D?/AU
L2 0 S LEE Y?/AI
L3 47936 S LEE Y?/AU
L4 84695 S KIM J?/AU
L5 36015 S ZINC FINGER?
L6 336 S (L1 OR L3 OR L4) AND L5
L7 49059 S NEURITE?
L8 1 S L6 AND L7
L9 51 S QSNR OR QSNK OR CSNR
L10 0 S L6 AND L9
L11 8 S L5 AND L9
L12 3 DUP REM L11 (5 DUPLICATES REMOVED)
L13 47992 S NEURON?(5A)(DIFFERENTIAT? OR PHENOTYP?) OR NEURITE
EXTENSTION
L14 355 S L5 AND L13
L15 10243 S L5/TI
L16 92 S L15 AND L13
L17 9023 S L13/TI
L18 26 S L15 AND L17
L19 8 DUP REM L18 (18 DUPLICATES REMOVED)
L20 3 S L16 AND C2H2
L21 3 S L20 NOT L19

Position-specific iterated and pattern-hit initiated BLAST (PSI- and PHI-BLAST) Search terms:

Query Sequence:

CKDCGKAFIQKSNLIRHQRTHTGEKPYKCEECGCPSNLRRHGRTH

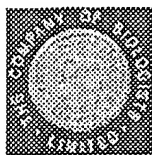
PHI Patterns:

CX(2,5)CX(5)QXSNX(2)RHX(3,5)HX(2,10)CX(2,5)CX(5)QXSNX(2)KHX(3,5)HX(2,10)CX(2,5)CX(5)CXSNX(2)RHX(3,5)H

CX(2,5)CX(5)QXSNX(2)RHX(3,5)H

CX(2,5)CX(5)QXSNX(2)KHX(3,5)H

CX(2,5)CX(5)CXSNX(2)RHX(3,5)H



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Journal Articles ☒

☐ M Capovilla, Z Kambris, and J Botas

Direct regulation of the muscle-identity gene apterous by a Hox protein in the somatic mesoderm

 Development 2001 128: 1221-1230. [\[Summary\]](#) [\[PDF\]](#) [\[References\]](#)
☐ B Kerber, I Monge, M Mueller, PJ Mitchell, and SM Cohen

The AP-2 transcription factor is required for joint formation and cell survival in Drosophila leg development

 Development 2001 128: 1231-1238. [\[Summary\]](#) [\[PDF\]](#) [\[References\]](#)
☐ I Monge, R Krishnamurthy, D Sims, F Hirth, M Spengler, L Kammermeier, H Reichert, and PJ Mitchell

Drosophila transcription factor AP-2 in proboscis, leg and brain central complex development

 Development 2001 128: 1239-1252. [\[Summary\]](#) [\[PDF\]](#) [\[References\]](#)
☐ V Brault, R Moore, S Kutsch, M Ishibashi, DH Rowitch, AP McMahon, L Sommer, O Boussadia, and R Kemler

Inactivation of the (β)-catenin gene by Wnt1-Cre-mediated deletion results in dramatic brain malformation and failure of craniofacial development

 Development 2001 128: 1253-1264. [\[Summary\]](#) [\[PDF\]](#) [\[References\]](#)